Configure multiple Prism graphics pipes with screen overlap

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Symptom(s):

Configure multiple Prism graphics pipes with screen overlap

Fact(s):

Silicon Graphics Prism
Prism Extreme

SGI Solution:

To create a screen area spanning multiple pipes and having the screens overlap there are 2 primary Options in the XF86Config file that will need to be modified.

The most important options you will need to configure are that of the "DesktopSetup" and "ScreenOverlap":

'Option "DesktopSetup" mode'

"0x00000100" [this mode clones the managed area]
"0x00000200" [this mode scales the managed area by 2 horizontally]
"0x00000300" [this mode scales the managed area by 2 vertically]

'Option "ScreenOverlap" width'
width is the number of pixels to overlap

Below is a Sample Device Section using these 2 options.

```
  Section "Device"
      Identifier  "SGI SG-0"
      Driver      "fglrx"
      BusId       "PCI:23:0:0"
      Option      "MonitorLayout" "CRT, CRT"
      Option      "NoDDC"
      Option      "DesktopSetup" "0x00000200"
      Option      "ScreenOverlap" 256
  EndSection
```

Additional Details

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